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Review: July 2005

National/Naval Ice Center

Analyst JQR

Practical Exercises



Analyst Candidate:_____

Assigned Mentor:_____

Estimated Completion Date: _____

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INTRODUCTION

The Analyst JQR Practical Exercises is intended to ensure each Analyst has adequate exposure to and practice in preparing and transmitting products produced at the NIC.

It is expected that these exercises will be done in conjunction with the Analyst JQR.

Signatures for each area must be completed prior to being scheduled for an Analyst board.

Section 1 - Automated Edge

1. Write the purpose of the Automated Edge.

2. Explain the dissemination of the Automated Edge.

3. Prepare the daily Automated Edge product with a qualified Analyst.

Analyst Signature

Analyst Signature

Analyst Signature

Analyst Signature

Analyst Signature

Analyst Signature

4. Prepare the Automated Edge with no assistance. Have work QC'd by a qualified Analyst.

Analyst Signature

Analyst Signature

Analyst Signature

Candidate has completed Section 1 and is able to produce the Automated Edge.

Candidate Signature/Date

Analyst Signature/Date

Section 2 - Special Arctic Oceanographic Synopsis SPAROS

1. Write the purpose of the SPAROS product.

2. Explain the dissemination of the SPAROS product.

3. Prepare the daily SPAROS product with a qualified analyst. At least two of the SPAROS will be the message prepared on Wednesdays.

WED Analyst Signature

Analyst Signature

Analyst Signature

WED Analyst Signature

Analyst Signature

Analyst Signature

4. Prepare the daily SPAROS product with no assistance. Have work QC'd by a qualified Analyst. At least one of SPAROS will be the message prepared on Wednesdays.

WED Analyst Signature

Analyst Signature

Analyst Signature

Analyst Signature Analyst Signature Analyst Signature
5. Demonstrate the ability to prepare and transmit the SPAROS message.

Analyst Signature Analyst Signature Analyst Signature

Analyst Signature

Candidate has completed Section 2 and is able to produce and transmit the SPAROS product.

Candidate Signature/Date

Analyst Signature/Date

Section 3 - Ice Hazard Product ICEHAZ
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1. Write the purpose of the Ice Hazard product.

2. Explain the dissemination of the Ice Hazard product.

3. Prepare the Tuesday and Friday ICEHAZ product with a qualified analyst.

Analyst Signature

Analyst Signature

Analyst Signature

Analyst Signature

4. Prepare the ICEHAZ product with no assistance. Have work QC'd by a qualified Analyst.

Analyst Signature

Analyst Signature

5. Demonstrate the process to transmit the ICEHAZ message.

Analyst Signature

Analyst Signature

Analyst Signature

Analyst Signature

Candidate has completed Section 3 and is able to produce and transmit the ICEHAZ product.

Candidate Signature/Date

Analyst Signature/Date

Section 4 - Annotated Imagery

1. Prepare an Annotated Image with a qualified analyst.

Analyst Signature

Analyst Signature

2. Demonstrate posting an Annotated Image on the web via FTP.

Analyst Signature

Analyst Signature

3. Prepare an Annotated Image with no assistance. Have work QC'd by a qualified Analyst.

Analyst Signature

Analyst Signature

Candidate has completed Section 4 and is able to produce and transmit an Annotated Image product.

Candidate Signature/Date

Analyst Signature/Date

Section 5 - Antarctic Ice Edge

1. Write the purpose of the Antarctic Ice Edge product.

2. Explain the dissemination of the Antarctic Ice Edge product.

3. Prepare the Antarctic Ice Edge product with a qualified analyst.

Analyst Signature

Analyst Signature

4. Prepare the Antarctic Ice Edge product with no assistance. Have work QC'd by a qualified Analyst.

Analyst Signature

Analyst Signature

5. Disseminate the Antarctic Ice Edge product.

Analyst Signature

Analyst Signature

Candidate has completed Section 5 and is able to produce and transmit an Antarctic Ice Edge product.

Candidate Signature/Date

Analyst Signature/Date

Section 6 - Weekly Ice Analysis

1. Prepare an analysis chart **with** a qualified analyst for the following areas:

Barents Sea

Chukchi Sea

Baffin Bay

Analyst Signature

Analyst Signature

Analyst Signature

2. Prepare a Great Lakes analysis **with** a qualified Analyst.

Analyst Signature

3. Prepare an analysis with no assistance for the following seas. Have work QC'd by a qualified Analyst.

Greenland Sea

East Siberian Sea

Amundsen Sea

Analyst Signature

Analyst Signature

Analyst Signature

Candidate has completed Section 6 and is understands the principles of producing a weekly sea ice analysis charts.

Candidate Signature/Date

Analyst Signature/Date

Section 7 - Great Lakes Edge

1. Write the purpose of the Great Lakes Edge product.
2. Explain the dissemination of the Great Lakes Edge product.
3. Prepare the Great Lakes Edge product with a qualified analyst.

Analyst Signature

Analyst Signature

4. Prepare the Great Lakes Edge product with no assistance. Have work QC'd by a qualified Analyst.

Analyst Signature

Analyst Signature

5. Transmit the Great Lakes Ice Edge product.

Analyst Signature

Analyst Signature

Candidate has completed Section 7 and is able to produce and transmit the Great Lakes Edge product.

Candidate Signature/Date

Analyst Signature/Date

Section 8 - Fractures, Leads and Polynyas FLAP

1. Write the purpose of the FLAP product.
2. Explain the dissemination of the FLAP product.
3. Prepare a FLAP product with a qualified analyst.

Analyst Signature

Analyst Signature

4. Prepare a FLAP product with no assistance. Have work QC'd by a qualified Analyst.

Analyst Signature

Candidate has completed Section 8 and is able to produce and transmit the FLAP product.

Candidate Signature/Date

Analyst Signature/Date

Section 9 - Optimum Track Ship Routing Product OTSR

1. Write the purpose of the OTSR product.
2. Explain the dissemination of the OTSR product.
3. Prepare an OTSR product with a qualified analyst.

Analyst Signature

4. Prepare an OTSR product with no assistance. Have work QC'd by a qualified Analyst.

Analyst Signature

Candidate has completed Section 9 and is able to produce and transmit the OTSR product.

Candidate Signature/Date

Analyst Signature/Date

Section 10 - Operations - Command Brief

1. Prepare the Operations portion of the command brief with a qualified analyst.

Analyst Signature

Analyst Signature

2. Prepare the Operations portion of the command brief with no assistance. Have work QC'd by a qualified Analyst.

Analyst Signature

5. Present the Operations portion of the brief at a command brief.

Analyst Signature

Candidate has completed Section 10 and is able to produce and present the Operations portion of the command brief.

Candidate Signature/Date

Analyst Signature/Date

Section 11- Duty Ice (Military Personnel)

1. Complete Sections 1 through 5, 7, 8, and 9 of Practical Exercises.

Analyst Signature

2. Qualify as ACDO.

Analyst Signature

3. List all the products you would routinely/seasonally/operationally do on weekend/holiday duty.

4. List the procedures you would follow in the event no imagery is available for routine/special products.

5. List the procedures you would follow in the case of special requests being made over a weekend/holiday period.

6. What is the purpose of the weekend check off sheet?

7. Demonstrate the ability to prepare routine messages and transmit the product via JMCIS and DMS.

Duty Ice Signature

Duty Ice Signature

Duty Ice Signature

8. Demonstrate the ability to prepare messages and transmit products via the Secret DMS.

Duty Ice Signature

Duty Ice Signature

Duty Ice Signature

9. Demonstrate the ability to use SIMS14 to prepare special support products.

Duty Ice Signature

10. Stand weekend duty with qualified watch personnel.

Duty Ice Signature

Duty Ice Signature

Duty Ice Signature

11. Prepare and transmit each of the following products during weekend duty.

SPAROS

Analyst Signature

Ice Hazard

Analyst Signature

Annotated Imagery

Analyst Signature

FLAP

Analyst Signature

Candidate has completed Section 11 and is prepared to carry out the responsibility of Duty Ice.

Candidate Signature/Date

Duty Ice/Date

Section 12 - Naval Meteorology Command/Liaison

1. Be able to state the mission of the National/Naval Ice Center.

Analyst Signature Date

2. Review the Naval Meteorology and Oceanography Command (NAVMETOCEN) organization as it pertains to the National/Naval Ice Center.

Analyst Signature Date

3. List the CNMOC centers that we receive OTSR, special support requests from.

Analyst Signature Date

4. Know the proper routing of special support request received by the NIC, to include OTSR, FLAP, news inquiries, science organizations, tours, and general information.

Analyst Signature Date

Candidate has completed Section 12 and understands the NIC mission and the liaison program.

Candidate Signature/Date

Analyst Signature/Date

Section 13 - Final Practical

1. Complete all sections of Analyst JQR and Practical Exercises. All signatures must be completed prior to the presentation of your analysis.

Mentor Signature

2. Schedule an appointment with appropriate persons to arrange a time to brief your analysis.

Candidate Signature

Mentor Signature

3. Prepare and brief your analysis of an Arctic area. Discuss imagery, weather, oceanography, and input from other data sources that you used to prepare your analysis.

Mentor Signature

Branch Chief Signature

Technical Director Signature

4. Prepare and brief your analysis of an Antarctic area. Discuss imagery, weather, oceanography, and input from other data sources that you used to prepare your analysis.

Mentor Signature

Branch Chief Signature

Technical Director Signature

Candidate has successfully brief Arctic and Antarctic analysis.

Mentor Signature

Branch Chief Signature

Technical Director Signature